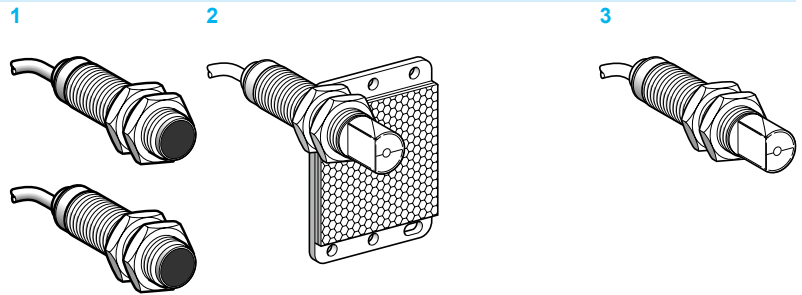


Photo-electric sensors

OsiSense XU Application, single mode
food and beverage processing series
Stainless steel case M18 x 1
DC. Solid-state output

Design 18



System		Thru-beam 1	Reflex 2	Polarised reflex 2	Diffuse 3
Type of transmission		Infrared	Infrared	Red	Infrared
Sensing distance	Nominal Sn (excess gain = 2)	15 m	4 m	2 m	0.10 m
	Maximum (excess gain = 1)	20 m	5.5 m (with 50 x 50 mm reflector)	3 m (with 50 x 50 mm reflector)	0.15 m

References of pre-cabled versions (1)

3-wire, PNP NO or NC programmable function	Line of sight along case axis	XU2N18PP341 (2)	XU1N18PP341 (3)	XU9N18PP341 (3)	XU5N18PP341
	Line of sight 90° to case axis	XU2N18PP341W (2)	XU1N18PP341W (3)	XU9N18PP341W (3)	XU5N18PP341W
3-wire, NPN NO or NC programmable function	Line of sight along case axis	XU2N18NP341 (2)	XU1N18NP341 (3)	XU9N18NP341 (3)	XU5N18NP341
	Line of sight 90° to case axis	XU2N18NP341W (2)	XU1N18NP341W (3)	XU9N18NP341W (3)	XU5N18NP341W
Weight (kg)		0.270	0.155	0.155	0.135

References of connector versions

3-wire, PNP NO or NC programmable function	Line of sight along case axis	XU2N18PP341D (2)	XU1N18PP341D (3)	XU9N18PP341D (3)	XU5N18PP341D
	Line of sight 90° to case axis	XU2N18PP341WD (2)	XU1N18PP341WD (3)	XU9N18PP341WD (3)	XU5N18PP341WD
3-wire, NPN NO or NC programmable function	Line of sight along case axis	XU2N18NP341D (2)	XU1N18NP341D (3)	XU9N18NP341D (3)	XU5N18NP341D
	Line of sight 90° to case axis	XU2N18NP341WD (2)	XU1N18NP341WD (3)	XU9N18NP341WD (3)	XU5N18NP341WD
Weight (kg)		0.130	0.085	0.085	0.065

Fixing accessories (4)

Description	Reference	Weight kg
Stainless steel fixing bracket	XUZA118	0.045
Plastic fixing bracket	XUZA218	0.035
Set of 2 stainless steel nuts	XSZE318	0.020
Set of 2 plastic nuts	XSZE218	0.004

(1) Sensors available with 5 m long cable: To order, add L5 to the end of the reference selected from above.

Example: sensor XU1N18PP341 with 5 m cable becomes XU1N18PP341L5.

(2) Reference for both transmitter and receiver for thru-beam system sensors.

(3) 50 x 50 mm reflector included with reflex system sensors.

(4) For further information, see page 164.